



PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	10/579,739
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	May 18, 2006
				First Named Inventor	Motohiro ITADANI
(Use as many sheets as necessary)				Art Unit	9-N/A 2883
				Examiner Name	9-Not Yet Assigned MOONEY
Sheet	1	of	1	Attorney Docket Number	4918-0108PUS1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
mem	AA*	US-2004-101106	05-27-2004	Inoue	
	AB*	US-2002-196901	12-26-2002	Inoue	
	AC*	US-5,137,279	08-11-1992	Murphy et al.	
	AD*	US-5,124,364	06-23-1992	Wolff et al.	
	AE*	US-4,696,888	09-29-1987	Buhr	
	AF*	US-4,619,998	10-28-1986	Buhr	
	AG*	US-4,610,863	09-09-1986	Tewari et al.	
	AH*	US-4,432,956	02-21-1984	Zarzycki et al.	
	AI*	US-4,402,927	09-06-1983	von Dardel et al.	
	AJ*	US-4,239,850	12-16-1980	Kita et al.	
	AK*	US-4,212,970	07-15-1980	Iwasaki et al.	
	AL*	US-3,549,367	12-22-1970	Chang, C. T.-L.	
	AM*	US-3,046,127	07-24-1962	Barney, A. L.	
	AN*	US-2,951,758	09-06-1960	Notley, N. T.	
	AO*	US-2,722,512	11-01-1955	Crandall, J. L.	
	AP*	US-2,448,828	09-07-1948	Renfrew, M. M.	
	AQ*	US-2,367,661	01-23-1945	Agre, C. L.	
mem	AR*	US-2,367,670	01-23-1945	Christ, R. E.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
mem	BA	JP-2003-149642-A	05-21-2003	Matsushita Electric Works Ltd		✓
	BB	JP-2002-321302-A	11-05-2002	Nippon Zeon Co		✓
	BC	JP-2001-233611-A	08-28-2001	Catalysts & Chem Ind Co		✓
	BD	JP-H10-333145	12-18-1998	Sanyo Electric Co		✓
mem	BE	JP-S60-105667	06-11-1985	Hoechst Ag		✓

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Michael P. Mooney	Date Considered	9.29.07
--------------------	-------------------	-----------------	---------

Birch, Stewart, Kolasch & Birch, LLP

MSW/lps

10/579739

IAP12 Rec'd PCT/PTO 18 MAY 2006

PTO/SB/08a/b (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Complete If Known	
				Application Number	NEW 10579739
				Filing Date	May 18, 2006
				First Named Inventor	Motohiro ITADANI
				Art Unit	2883
				Examiner Name	Not Yet Assigned MOONEY
Sheet	1	of	1	Attorney Docket Number	4918-0108PUS1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
mpm	AA*	US-2003/0122991-A1	07-03-2003	ITAKURA et al.	
mpm	AB*	US-6,184,957-B1	02-06-2001	MORI et al.	
mpm	AC*	US-6,115,095-A	09-05-2000	Suzuki et al.	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
mpm	BA	JP-2003-195310-A	07-09-2003			ABS
	BB	JP-10-54982-A	02-24-1998			ABS
	BC	JP-9-80424-A	03-28-1997			ABS
	BD	JP-10-307291-A	11-17-1998			ABS
	BE	JP-11-133408-A	05-21-1999			ABS
	BF	JP-2001-242462-A	09-07-2001			ABS
	BG	JP-7-261152-A	10-13-1995			ABS
mpm	BH	JP-11-305217-A	11-05-1999			ABS

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with an single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii)) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature	Michael P. Mooney	Date Considered	9-27-07
--------------------	-------------------	-----------------	---------

Birch, Stewart, Kolasch & Birch, LLP

MSW//smt